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RE-PATENT
Attorney Docket No. JHU1660-ED/655

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nelson et al.
Application No.: 09/687,246
Filed: October 12, 2000
Title: METHODS OF DIAGNOSING AND TREATING HEPATIC CELL PROLIFERATIVE DISORDER

Art Unit: Unknown
Examiner: Unknown

TECH CENTER 1600/2900

MAY 04 2001

#1
Ref. No. Miss PartsDel.
5/5/01

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

Transmitted herewith for the above-identified application please find:

1. Response to Notice to File Missing Parts of Nonprovisional Application;
2. Copy of Notice to File Missing Parts of Nonprovisional Application;
3. Statement Under 37 C.F.R. §§ 1.821(f) and (g); and 37 C.F.R. § 1.825 (b) (1 pg);
4. Verified Statement Under 37 C.F.R. §§ 1.821(f) (1 pg);
5. Sequence Listing (4 pgs);
6. Sequence Listing in computer readable form (3.5" disk);
7. Return Postcard

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, 4-25-01, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Rachel Carter

Name of Person Mailing Paper

Rachel Carter

4-25-01

Date

Signature

In re Application of:
Nelson et al.
Application No.: 09/687,246
Filed: October 12, 2000
Page 2

PATENT
Attorney Docket No.: JHU1660-1

No fee is deemed necessary in connection with the filing of this paper. However, if any fee is required, the Commissioner is hereby authorized to charge the amount of this fee, or credit any overpayments, to Deposit Account No. 50-1355. A copy of this Transmittal Sheet is enclosed.

Respectfully submitted,

Date: 4/23/01



Lisa A. Haile, Ph.D.
Reg. No. 38,347
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, California 92121-2189

USPTO Customer Number: 28213



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/687,246	10/12/2000	William G. Nelson	JHU1660-1

Lisa A Haile Ph D
Gray Cary Ware & Freidenrich LLP
4365 Executive Drive
Suite 1600
San Diego, CA 92121-2189

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MAR 05 2001
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FORMALITIES LETTER



OC00000005609641

Date Mailed: 02/27/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$1868.
 - \$1278 for 71 total claims over 20.
 - \$320 for 4 independent claims over 3 .
 - \$270 for multiple dependent claim surcharge.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason (s):
 - The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- The balance due by applicant is \$ 2708.

*A copy of this notice **MUST** be returned with the reply.*

2/27/01

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT
Attorney Docket No. JHU1660-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nelson et al. Art Unit: 1646
Serial No.: 09/687,246 Examiner: Unassigned
Filed: October 12, 2000
Title: METHODS OF DIAGNOSING AND TREATING HEPATIC CELL
PROLIFERATIVE DISORDERS

Commissioner for Patents
Washington, D.C. 20231

**RESPONSE TO NOTICE TO FILE MISSING
PARTS OF NONPROVISIONAL APPLICATION**

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed December 11, 2000, enclosed are:

1. A copy of the Notice to File Missing Parts of Nonprovisional Application;
2. An executed Declaration for Patent Application (3 pages);
3. A Power of Attorney by Assignee (2 pages); and
4. Return Postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on

3-12-01 in
an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231

Margaret J. Pierce

In re Application of:

Nelson et al.

Application No.: 09/687,246

Filed: October 12, 2000

Page 2

PATENT

Attorney Docket No.: JHU1660-1

A check in the amount of \$1,354.00 is enclosed for this filing. This includes:

Basic filing fee				\$355.00
Total claims over 20	71	x	\$9.00	639.00
Independent claims over 3	4	x	40.00	160.00
Multiple dependent claim fees				135.00
Surcharge for late filing				65.00
Total filing fee				\$1354.00

If there are any additional associated fees required by this filing, the Commissioner is authorized to charge such fees, or credit any overpayments, to Deposit Account No. 50-1355. A copy of the Transmittal Sheet is enclosed.

Respectfully submitted,

Date: February 12, 2001

By: Richard J. Embra Reg. No.
for: Lisa A. Haile, Ph.D.
Registration No. 38,347
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP

4365 Executive Drive, Suite 1600

San Diego, California 92121-2189



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Nelson et al.) Group No.: Unknown
Serial No.: 09/687,246) Examiner: Unknown
Filed: October 12, 2000) Docket No. JHU1660-1

For: METHODS OF DIAGNOSING AND TREATING HEPATIC CELL PROLIFERATIVE
DISORDER

CERTIFICATION UNDER 37 CFR § 1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United
States Postal Service as first class mail on this date 4-28-01, in an envelope addressed
to: Assistant Commissioner for Patents, Washington, D.C. 20231

4-28-01
Date

Rachel Carter
Signature

BOX MISSING PARTS
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION -
FILING DATE GRANTED**

This document is submitted in response to the NOTICE TO FILE MISSING PARTS OF
APPLICATION, dated February 27, 2001.

A Response to Notice to File Missing Parts was submitted to the USPTO via First Class Mail
on February 12, 2001 in response to a Notice to File Missing Parts dated December 11, 2000 for the
above-referenced application. Transmitted herewith is a copy of the Response (copy of Response to
Notice to File Missing Parts of a Nonprovisional Application, copy of Notice to File Missing Parts,
copy of executed Declaration, copy of Power of Attorney by Assignee, copy of check for \$1354.00,
and copy of return postcard with USPTO receipt stamp).

Please contact the undersigned should you require any additional information.

Respectfully submitted,

LISA A. HAILE, Ph.D.
Reg. No. 38,347

Date: 4/23/01

GRAY CARY WARE & FREIDENRICH
4365 Executive Drive, Suite 1600
San Diego, CA 92121-2189
Telephone: (619) 699-2652 Fax: (619) 699-3452

Gray Cary\GT\6234556.1
104659-20

**PATENT ATTORNEY DOCKET NO: JHU1660-1**

The Patent and Trademark Office date stamp sets forth the receipt date of:

Filing or Issue Date: 10/12/00
Applicant or Patentee: Nelson et al.

Serial No.: 09/687,246

Title: METHOD OF DIAGNOSING AND TREATING HEPATIC CELL PROLIFERATIVE

DISORDERS Transmittal Letter (2 copies) Amendment/Response (pg.) Issue Fee Request Patent Copies Check: \$1354.00 Drawings: Sheets (informal) Declaration (3 pg.) Small Entity Statement Power of Attorney (2 pg.) Assignment/Recordal Cover Sheet (pg.) Copy of Notice to File Missing Parts Information Disclosure Statement (pg.) Form PTO-1449 (pg.) Number of Prior Art References: Sequence Listing (4 pg.) Declaration (1 pg.) Verified Statement (1 pg.) Disk Date Mailed: 2/12/01 Client Name: JHU Date Due: 2/11/01

Other Atty/Sec Initials: LAH/RJ/mjp

RAY CARY WARE & FREIDENRICH

401 B STREET, SUITE 1700 SAN DIEGO, CA 92101 CHECK NO.:

468062

INVOICE	DATE	AMOUNT	
02/12/01 21489-1	02-12-01	1,354.00	104659-20 Peggy Pierce x1498

O I P E JCB
APR 30 2001
PATENT & TRADEMARK OFFICE

VENDOR ID: cpt

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND-NOT A WHITE BACKGROUND

GRAY CARY WARE & FREIDENRICH

401-B STREET, SUITE 1700,
SAN DIEGO, CA 92101-4297

COMERICA Controlled Disb.
Comerica Bank & Trust, NA

CHECK NO. 468062

DATE 02/12/01

AMOUNT OF CHECK
*** * * 1,354.00

ONE THOUSAND THREE HUNDRED FIFTY FOUR AND 00/100 U.S. Dollar

GRAY CARY WARE & FREIDENRICH
GENERAL ACCOUNT

PAY
TO THE
ORDER OF

COMMISSIONER OF PATENTS & TRADEMARKS

Henry M. Miller
Lorraine L. Plummer

VOID AFTER 180 DAYS

EXPLANATION OF ADDITIONAL SECURITY FEATURES INDICATED ON REVERSE SIDE
468062 # 10724047861 2176989081